

PRODUCT SPECIFICATION

VIDAR Surface mount 60

P/N: 100050



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

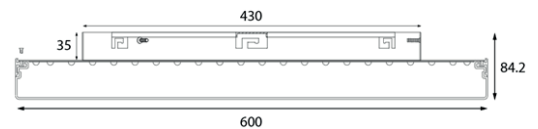
The BrainLit Vidar is a 24/7 Tunable white surface mount, LED luminaire that brings brightness and provides the right light daytime as well as night time. By dynamically adjusting its color temperature anywhere between cold white (6500K) and blue deprived warm white (1800K), you can transform the ambience of a room and promote the circadian alignment in the right way whether used during day- or night time. The BrainLit Vidar luminaire embraces the black body curve with exceptional color rendering while dimming smoothly down to 0,1%. When used at night, the low color temperature white ensures comfortable blue deprived light to relax or work in.

AREAS OF USE (examples)

Office	High Value Offices / High Risk Offices / Meetings & Seminar Rooms
Industrial	High Value Manufacturing / High Risk Operations / Control Rooms
Education	Conference Centres / Class Rooms
Hospitality	Customer Interaction Centres / Receptions / Conference Rooms / Premium Room Settings / Terminals / Lounges
Healthcare	Intensive Care Units / Wards-Long Term Care / Dialysis Centres
Residential	Nursing Homes / Elderly Care / Luxury

MEASUREMENTS / PACKAGING

Weight (kg)	5,2
Size LxWxH (mm)	NAxNAx84
Diameter (mm)	600
Box quantity	1
Boxed size LxWxH (mm)	660x660x140
Boxed weight (kg)	6,8



MARKET AVAILABILITY

EMEA EU



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	1800K-6500K
Color rendering	CRI/Ra >90
Lumen output	6800lm
mDER range	26%-95%
Beam angle	116°
Dimming range	0,1%-100 %
Flicker handling	$P_{st}^{LM} \leq 1$, $SVM \leq 0,4$, IEEE 1789 comp.
Lifetime	0,88 (LLMF 50 000h)
	>100 000 h (L70B50)

POWER PROPERTIES

Rated input power	56W
Efficacy*	121 lm/W
Supply voltage range	120-250V
Supply power frequency	50/60Hz
Maximum circuit breaker loading (no of luminaires):	B10 B13 B16 C10 C13 C16 @230V 21 27 33 21 27 33
DALI device type	6
DALI address usage	4
DALI-2 compliant	Yes
Power and DALI connector	WAGO WINSTA®. Cable length: 0,5 m

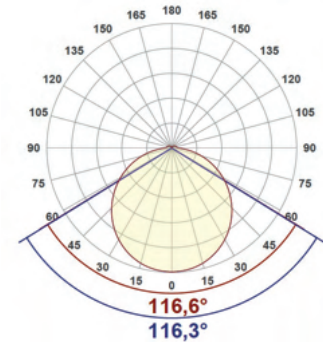
MECHANICAL PROPERTIES

Colors	White matte (RAL 9003)
Material	Steel, PMMA
Configuration	Backlit
Mounting	Surface mount
IP rating	20
Certifications	CE

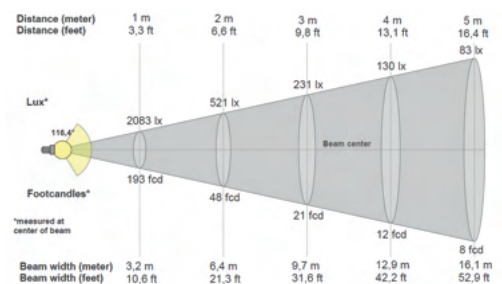
*At maximum intensity and CCT

TYPICAL CHARACTERIZATION DATA

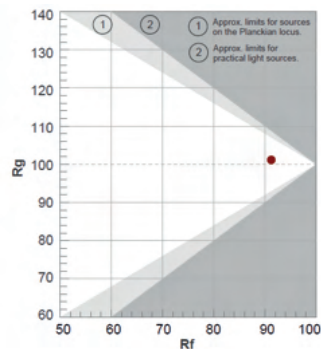
Light distribution



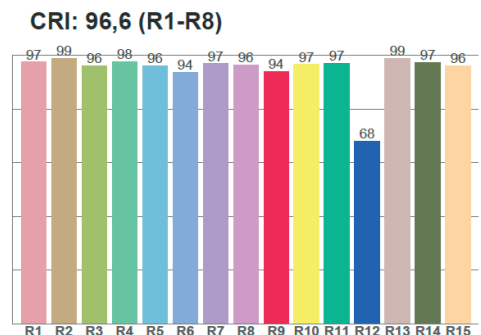
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



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